

	9	18	27	36	45	54
5'	CAG AAA CAG AAC TGC CTG TGA CAG ATT AAG AGA CAA GCA AGG CTT GGA ATC TGA					
	63	72	81	90	99	108
GAG CAA GCA AAG AGA GTG GAA ATT TAC AGC TGC CTT ATC ATT CCA TAT TGG AAG						
	117	126	135	144	153	162
AAG AGA TTT CTA CAC ATG AAA AAA ATG CCT TTG TTT AGT AAA TCA CAC AAA AAT M K K M P L F S K S H K N						
	171	180	189	198	207	216
CCA GCA GAA ATT GTG AAA ATC CTG AAA GAC AAT TTG GCC ATT TTG GAA AAG CAA P A E I V K I L K D N L A I L E K Q						
	225	234	243	252	261	270
GAC AAA AAG ACA GAC AAG GCT TCA GAA GAA GTG TCT AAA TCA CTG CAA GCA ATG D K K T D K A S E E V S K S L Q A M						
	279	288	297	306	315	324
AAA GAA ATT CTG TGT GGT ACA AAC GAG AAA GAA CCC CCG ACA GAA GCA GTG GCT K E I L C G T N E K E P P T E A V A						
	333	342	351	360	369	378
CAG CTA GCA CAA GAA CTC TAC AGC AGT GGC CTG CTG GTG ACA CTG ATA GCT GAC Q L A Q E L Y S S G L L V T L I A D						

FIGURE 1A

387	CTG CAG CTG ATA GAC TTT GAG GGA AAA AAA GAT GTG ACC CAG ATA TTT AAC AAC	396	405	414	423	432
	L Q L I D F E G K K D V T Q I F N N					
441	ATC TTG AGA AGA CAG ATA GGC ACT CGG AGT CCT ACT GTG GAG TAT ATT AGT GCT	450	459	468	477	486
	I L R R Q I G T R S P T V E Y I S A					
495	CAT CCT CAT ATC CTG TTT ATG CTC CTC AAA GGA TAT GAA GCC CCA CAG ATT GCC	504	513	522	531	540
	H P H I L F M L L K G Y E A P Q I A					
549	TTA CGT TGT GGG ATT ATG CTG AGA GAA TGT ATT CGA CAT GAA CCA CTT GCC AAA	558	567	576	585	594
	L R C G I M L R E C I R H E P L A K					
603	ATC ATC CTC TTT TCT AAT CAA TTC AGA GAT TTC TTT AAG TAC GTG GAG TTG TCA	612	621	630	639	648
	I I L F S N Q F R D F F K Y V E L S					
657	ACA TTT GAT ATT GCT TCA GAT GCC TTT GCT ACT TTC AAG GAT TTA CTA ACC AGA	666	675	684	693	702
	T F D I A S D A F A T F K D L L T R					
711	CAT AAA GTG TTG GTA GCA GAC TTC TTA GAA CAA AAT TAC GAC ACT ATT TTT GAA	720	729	738	747	756
	H K V L V A D F L E Q N Y D T I F E					

FIGURE 1B

765	GAC	TAT	GAG	AAA	TTG	CTT	CAG	TCT	GAG	AAT	TAT	GTT	ACT	AAG	AGA	CAG	TCT	TTA	801
	D	Y	E	K	L	L	Q	S	E	N	Y	V	T	K	R	Q	S	L	
819	AAG	CTG	CTA	GGG	GAG	CTG	ATC	CTG	GAC	CGT	CAC	AAC	TTT	GCC	ATC	ATG	ACA	AAG	855
	K	L	L	G	E	L	I	L	D	R	H	N	F	A	I	M	T	K	
873	TAT	ATC	AGC	AAG	CCG	GAG	AAC	CTG	AAA	CTC	ATG	ATG	AAC	CTC	CTT	CGG	GAT	AAA	909
	Y	I	S	K	P	E	N	L	K	L	M	M	N	L	L	R	D	K	
927	AGT	CCC	AAC	ATC	CAG	TTT	GAA	GCC	TTT	CAT	GTT	TTT	AAG	GTG	TTT	GTG	GCC	AGT	963
	S	P	N	I	Q	F	E	A	F	H	V	F	K	V	F	V	A	S	
981	CCT	CAC	AAA	ACA	CAG	CCT	ATT	GTG	GAG	ATC	CTG	TTA	AAA	AAT	CAG	CCC	AAA	CTC	1017
	P	H	K	T	Q	P	I	V	E	I	L	L	K	N	Q	P	K	L	
1035	ATT	GAG	TTT	CTG	AGC	AGC	TTC	CAA	AAA	GAA	AGG	ACG	GAT	GAT	GAG	CAG	TTC	GCT	1062
	I	E	F	L	S	S	F	Q	K	E	R	T	D	D	E	Q	F	A	
1089	GAC	GAG	AAG	AAC	TAC	TTG	ATT	AAA	CAG	ATC	CGA	GAC	TTG	AAG	AAA	ACG	GCC	CCT	1107
	D	E	K	N	Y	L	I	K	Q	I	R	D	L	K	K	T	A	P	

FIGURE 1C

1143	1152	1161	1170	1179	1188
TGA AGA GCT CCC CGG CCC CTG TCA CAG TCA GTC GTC TCA TTT GTC CAG TTT GTA					
1197	1206	1215	1224	1233	1242
CAG TGT GTC ATT TCA GAA AGT CAT CAT TCT TGG GAA GAC TTT GGA GGT GCC TAT					
1251	1260	1269	1278	1287	1296
TTT TTC TGC TGT AAT TGT TCT GGG TAG ATG GAG TAT AAA CAT TTG AAT GGA AAA					
1305	1314	1323	1332	1341	
AAA TTA ACC TAG AAT AAT ATA TTC ATT TTA GTC AAA AAA AAA AAA 3'					

FIGURE 1D

[illegible]

FIGURE 2A

183	A	F	A	T	F	K	D	L	L	T	R	H	K	V	L	V	A	D	F	L	E	Q	N	Y	D	T	I	F	E	-	Y	E	K	L	L	Q	S	E	N	hCBP	
184	A	F	A	T	F	K	D	L	L	T	R	H	K	L	L	S	A	E	F	L	E	Q	H	Y	D	R	F	F	S	E	-	Y	E	K	L	L	H	S	E	N	g262934
183	A	F	S	T	F	K	E	L	L	T	R	H	K	L	L	C	A	E	F	L	D	A	N	Y	D	K	F	F	S	Q	H	Y	Q	R	L	L	N	S	E	N	g1794137
197	A	F	S	T	F	K	E	L	L	T	R	H	K	A	I	I	A	E	F	L	D	S	N	Y	D	T	F	F	A	Q	-	Y	Q	N	L	L	N	S	K	N	g1255838
222	Y	V	T	K	R	Q	S	L	K	L	L	G	E	L	L	L	D	R	H	N	F	A	I	M	T	K	Y	I	S	K	P	E	N	L	K	L	M	M	N	L	hCBP
223	Y	V	T	K	R	Q	S	L	K	L	L	G	E	L	L	L	D	R	H	N	F	T	I	M	T	K	Y	I	S	K	P	E	N	L	K	L	M	M	N	L	g262934
223	Y	V	T	R	R	Q	S	L	K	L	L	G	E	L	L	L	D	R	H	N	F	T	V	M	T	R	Y	I	S	E	P	E	N	L	K	L	M	M	N	M	g1794137
236	Y	V	T	R	R	Q	S	L	K	L	L	G	E	L	L	L	D	R	H	N	F	T	M	T	K	Y	I	S	N	P	D	N	L	R	L	M	M	E	L	g1255838	
262	L	R	D	K	S	P	N	I	Q	F	E	A	F	H	V	F	K	V	F	V	A	S	P	H	K	T	Q	P	I	V	E	I	L	L	K	N	O	P	K	L	hCBP
263	L	R	D	K	S	R	N	I	Q	F	E	A	F	H	V	F	K	V	F	V	A	N	P	N	K	T	Q	P	I	L	D	I	L	L	K	N	Q	T	K	L	g262934
263	L	K	E	K	S	R	N	I	Q	F	E	A	F	H	V	F	K	V	F	V	A	N	P	N	K	P	K	P	I	L	D	I	L	L	R	N	Q	T	K	L	g1794137
276	L	R	D	K	S	R	N	I	Q	Y	E	A	F	H	V	F	K	V	F	V	A	N	P	N	K	P	K	P	I	S	D	I	L	N	R	N	R	E	K	L	g1255838
302	I	E	F	L	S	F	Q	K	E	R	T	D	D	E	Q	F	A	D	E	K	N	Y	L	I	K	Q	I	R	D	L	K	K	T	A	-	-	-	-	-	-	hCBP
303	I	E	F	L	S	K	F	Q	N	D	R	T	E	D	E	Q	F	N	D	E	K	T	Y	L	V	K	Q	I	R	N	L	K	R	A	A	Q	Q	E	-	-	g262934
303	V	D	F	L	T	N	F	H	T	D	R	S	E	D	E	Q	F	N	D	E	K	A	Y	L	I	K	Q	I	K	E	L	K	P	L	P	-	E	-	-	g1794137	
316	V	E	F	L	S	E	F	H	N	D	R	T	D	D	E	Q	F	N	D	E	K	A	Y	L	I	K	Q	I	Q	E	M	K	S	S	P	K	E	A	K	K	g1255838
337	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	hCBP			
341	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	g262934				
339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	g1794137				
356	P	K	S	K	E	D	E	N	Q	E	P	A	G	P	S	E	G	P	S	T	S	Q	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	g1255838		

FIGURE 2B